



STANNOL®
Wenn's ums Löten geht
When it's about soldering
Quand il s'agit du soudage

Technical Data Sheet

STANNOL® liquid flux EasyFlux 270

No-clean flux classified as type 2.2.3.A according to DIN-EN 29454-1, type ORL0 according to EN 61190-1-1 and type ORL0 according to J-STD-004.

- no-clean application, electrically safe
- low residues
- resin-free
- optimised solid content - fast wetting - reduces soldering defects
- perfect results with lead-free alloys

Description

STANNOL® EasyFlux 270 was developed as a complement of the **STANNOL® EasyFlux** series for the wave soldering of electronic devices. The reduced solid content in combination with especially aligned halide free activators affords an excellent wetting of the different surfaces (such as OSP, Ni/Au, HAL) also with lead-free alloys. Best results were achieved when using **STANNOL® ECOLOY®** and **FLOWTIN® TSC** (Tin/Silver/Copper), **TS** (Tin/Silver) and **TC** (Tin/Copper) alloys. This flux is also applicable for other soldering processes like selective-soldering and dip-soldering.

Application

The **STANNOL® EasyFlux 270** has been developed for application with **spray fluxers**. The applicability for foam fluxers is limited. The preheat temperature should be at least 90°C measured on the surface of the circuit board when entering the solder wave. This temperature ensures the evaporation of the solvent and a sufficient activation of the flux.

Evaporation of solvent can change the composition. Evaporation causes an increase of the solid content and therefore the density increases. This can be checked with the **STANNOL® Mini-Titration-Kit**.

Physical Properties and Data

Colour:	colourless
Density at (20°C):	0.807 g/cm ³
Flash point (closed crucible):	12°C
Ignition temperature:	425°C
Solid content:	2.7 %
Acid rating:	24.0mg KOH/g
Halide content:	none

Thinner: STANNOL® VD-500

Shelf life

2 years after date of delivery (provided proper storage in originally sealed container).

Health and Safety

Before using please read the material safety data sheet carefully and observe the safety precautions described.

The above values are typical and represent no form of specification. The Data Sheet serves for information purposes. Any verbal or written advise is not binding for the company, whether such information originates from the company offices or from a sales representative. This is also in respect of any protection rights of third parties, and does not release the customer from the responsibility of verifying the products of the company for suitability of use for the intended process or purpose. Should any liability on the part of the company arise, the company will only indemnify for loss or damage to the same extent as for defects in quality.